

## Exhibit 300: Capital Asset Plan and Business Case Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview (All Capital Assets)

**1. Date of Submission:** 2010-03-22 18:44:03

**2. Agency:** 006

**3. Bureau:** 60

**4. Name of this Investment:** NTIA - Radio Spectrum Management - Federal Spectrum Management System (FSMS)

**5. Unique Project (Investment) Identifier:** 006-60-01-29-01-7312-00

**6. What kind of investment will this be in FY 2011?:** Mixed Life Cycle

- Planning
- Full Acquisition
- Operations and Maintenance
- Mixed Life Cycle
- Multi-Agency Collaboration

**7. What was the first budget year this investment was submitted to OMB? \***

**8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap; this description may include links to relevant information which should include relevant GAO reports, and links to relevant findings of independent audits.**

NTIA has laid out a program for the next five years to modernize and improve spectrum management processes. The program includes: (1) a review and improvement of our international spectrum management policies including those that could become barriers to the implementation of new spectrum efficient technologies; (2) standardization and implementation of methods and analysis tools to assess new technologies to reduce the time it takes to provide access to spectrum; (3) adopt a spectrum management career development program to maintain our expertise in adapting new technologies and using the spectrum more efficiently and effectively; and (4) application of modern information technology (IT) to provide more rapid access to spectrum and make the spectrum management process more effective and efficient. The primary Federal Spectrum Management System (FSMS) objective is to improve the use of Information Technology to modernize Spectrum Management, as described in the President's Spectrum Management Initiative, Report 2, Recommendation 7: Support President's Spectrum Policy Initiative; Modernize Spectrum Management Systems; Collaborate with FCC and IRAC Agencies; Achieve Target Architecture; Implement New Data Dictionary; Meet Paperless Spectrum Management Initiative Recommendations; and, Institutionalize Dependable and Repeatable Software Development Processes. At completion, the benefits FSMS will provide to the Spectrum community include: Spectrum authorization processing times will, in many cases, be reduced from days to hours, or even minutes; Spectrum data can be maintained real time; Agencies will have real time, or near real time, access to their documents, proposals, applications, and data; Application status can be continuously monitored; Multiple access points, including Internet, SIPRNet, and dial-up; Information assurance capabilities, including data redundancy, fail over, and clustering; Enhanced interference calculations, as described by Working Level Group E (WLG-E) and approved by OSM; Compliance checks will be expanded to spectrum standards checks; The user interface will be standardized with an extremely user-friendly look and feel, combined with the ability to present interrelated information (such as the allocation table, footnotes, spectrum certification documents, and equipment characteristics); and, Effective collaboration with document-, content-, and workflow-management tools for spectrum business processes.

- a. Provide here the date of any approved rebaselining within the past year, the date for the most recent (or planned) alternatives analysis for this investment, and whether this investment has a**

risk management plan and risk register.

**9. Did the Agency's Executive/Investment Committee approve this request? \***

a. If "yes," what was the date of this approval? \*

**10. Contact information of Program/Project Manager?**

- **Name:** \*
- **Phone Number:** \*
- **Email:** \*

**11. What project management qualifications does the Project Manager have? (per FAC-P/PM)? \***

- Project manager has been validated according to FAC-PMPM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/OM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

**12. If this investment is a financial management system, then please fill out the following as reported in the most recent financial systems inventory (FMSI):**

Financial management system name(s)	System acronym	Unique Project Identifier (UPI) number
*	*	*

**a. If this investment is a financial management system AND the investment is part of the core financial system then select the primary FFMIA compliance area that this investment addresses (choose only one): \***

- computer system security requirement;
- internal control system requirement;
- core financial system requirement according to FSIO standards;
- Federal accounting standard;
- U.S. Government Standard General Ledger at the Transaction Level;
- this is a core financial system, but does not address a FFMIA compliance area;
- Not a core financial system; does not need to comply with FFMIA

## Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

<b>Table 1: SUMMARY OF FUNDING FOR PROJECT PHASES</b> <b>(REPORTED IN MILLIONS)</b> (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY1 and earlier	PY 2009	CY 2010	BY 2011	BY+1 2012	BY+2 2013	BY+3 2014	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition:	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
SUBTOTAL:	*	*	*	*	*	*	*	*	*
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	*	*	*	*	*	*	*	*	*
Number of FTE represented by Costs:	*	*	*	*	*	*	*	*	*
TOTAL(including FTE costs)	*	*	*	*	*	*	*	*	*

2. If the summary of funding has changed from the FY 2010 President's Budget request, briefly explain those changes:

\*

## Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

Table 1: Contracts/Task Orders Table

Contract or Task Order Number	Type of Contract/Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/Task Order	End date of Contract/Task Order	Total Value of Contract/Task Order (M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)
NONE											

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

\*

3. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? \*

a. If "yes," what is the date? \*

## Section D: Performance Information (All Capital Assets)

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2007	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Increase automated services interfaces between NTIA/OSM and the FCC and/or other agencies.	1	2	2
2007	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Increase access to key applications and data sources through web-based portals (# of key FSMS applications and data sources available via web-based portal)	1	2	2
2012	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Increase quality of interference and propagation analysis using new algorithms taking advantage of new data dictionary elements. (% frequency authorizations processed using new algorithms based on new data dictionary).	0		
2004	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Governance of operational strategy, Enterprise Architecture and CPIC processes (# of Enterprise Architecture Councils)	0	1	1
2004	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Develop an Enterprise Architecture (# of Baseline and Target Architectures)	0	1	1
2012	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Decrease average processing time, in days, for frequency assignment	15		

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	ons and information services.			proposals.			
2013	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Increase compliance to the OSM Enterprise Architecture. (% FSMS solutions compliant with OSM Enterprise Architecture	0.02		
2012	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Increase the number of workflows supported by the OSM Enterprise Content Management System (ECM) to collaborate, track workflow, and facilitate decision making.	0	2	
2013	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Increase the number of workflows supported by the OSM Enterprise Content Management System (ECM) to collaborate, track workflow, and facilitate decision making.	2	3	
2013	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Increased productivity of spectrum certification process (decrease person hours required to create a certification request).	40	28	
2008	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Establish earned value management reporting.	1	12	12
2013	2.3 Advance the development of global e-commerce and enhanced	*	*	Decrease average processing time for spectrum certification	4		

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	telecommunications and information services.			requests (months).			
2009	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Reduce risk impact to project cost and schedule by establishing management reserve	0	500000	500000
2013	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Reduce the number of disparate data models used to represent the same thing which will increase data standardization.	4	1	
2009	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Rebaselined plan aligning funding, scope and schedule	0	1	1
2010	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Achieve Approved Acquisition Plan	0	1	
2011	2.3 Advance the development of global e-commerce and enhanced telecommunications and information services.	*	*	Achieve production release on classified environment.	0	1	

## Part II: Planning, Acquisition And Performance Information

### Section A: Cost and Schedule Performance (All Capital Assets)

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Architecture and Planning	\$0.5	\$0.5	2006-01-01	2006-01-01	2007-09-30	2007-09-30	100.00%	100.00%
Contract Management	\$0.0	\$0.0	2006-01-01	2006-01-01	2010-09-30		75.00%	17.00%
PS Red	\$4.5	\$0.0	2009-06-01	2009-06-01	2010-09-30		76.00%	76.00%
CDSS Requirements	\$0.1	\$0.1	2006-01-01	2006-01-01	2007-12-31	2007-12-31	100.00%	100.00%
Pre 2006 Planning	\$4.2	\$4.2	2003-01-01	2003-01-01	2004-10-14	2004-10-15	100.00%	100.00%
IV&V 3	*	*	2011-06-01		2012-09-30		0.00%	0.00%
Product Integration	\$1.3	\$0.0	2006-01-01	2006-01-01	2013-09-30		43.00%	0.00%
Enhancements & Changes	*	*	2010-06-01		2012-09-30		0.00%	0.00%
IV&V 4	*	*	2012-06-01		2013-09-30		0.00%	0.00%
PS SC	*	*	2012-06-01		2013-09-30		0.00%	0.00%
PS Green	*	*	2010-06-01		2011-09-30		0.00%	0.00%
Requirements /PM	\$1.6	\$1.9	2006-01-01	2006-01-01	2010-09-29	2009-10-30	75.00%	97.00%
CDSS Prototype	\$0.2	\$0.2	2006-01-01	2006-01-01	2008-03-31	2008-03-31	100.00%	100.00%
IV&V 2	*	*	2010-06-01		2011-09-30		0.00%	0.00%
Infrastructure Setup	\$6.6	\$6.6	2006-01-01	2006-01-01	2008-03-31	2008-03-31	100.00%	100.00%
IV&V 1	*	*	2009-06-01		2010-09-30		0.00%	0.00%
High Level Requirements	\$2.4	\$2.4	2006-01-01	2006-01-01	2007-11-30	2007-11-30	100.00%	100.00%
RPI	*	*	2011-06-01		2012-09-30		0.00%	0.00%
Documentum Pilot	\$0.1	\$0.1	2006-01-01	2006-01-01	2007-09-30	2007-09-30	100.00%	100.00%

\* - Indicates data is redacted.